

Institutional Initiatives/efforts for Best Practice: Awareness for Environment Conservation and Preservation

Session 2019-20

Session	Name of the Initiative	Date of the Initiative
2019-20	Tree Plantation by NSS and Red Ribbon	18-09-2019
2019-20	Environment Awareness Rally for Effects of Paddy Straw Burning	04-10-2019
2019-20	Awareness on Air Pollution by Dept of Math in Budhlada	02-03-2020
2019-20	Awareness Program on Energy Conservation and Sustainability by Dept of Science.	03-10-2019
2019-20	Department of Fashion Technology and Home Science organized a workshop on Best out of Waste	26-08-2019 to 27-08-2019
2019-20	National workshop on Self-Employment And Profitability in Agriculture Using Improved Technology by Dept. of Agriculture	06-03-2020
2019-20	Preparing Bio-enzyme and Bio fertilizer By Dept. of Agriculture	11-02-2020
2019-20	Awareness drive on waste management of bio mass residue By Dept. of Agriculture	18-03-2020
2019-20	Agriculture Residue Management by Mushroom Cultivation by Dept. of Agriculture	10-11-2019
2019-20	Farmer Field Survey by Students of Dept of Agriculture on Paddy Straw Burning	Oct 2019
2019-20	Tech Fest (Use of IT Gadgets in Daily Life) by Dept. of Computer	05-11-2019
2019-20	Swachh Bharat Abhiyan programme was organized by the department of Food Processing, Guru Nanak College, Budhlada in association with Food Industry Capacity & Skill Initiative (FICSI), New Delhi.	02-10-2019
2019-20	Lecture on Industrial Waste Water Treatment was organized by the Department of Food Processing	27-09-2019

2019-20	Students of Food Processing attended lecture on "Sewage Treatment" during their visit to Science City	27-11-2019
2019-20	Exhibition on the occasion of World Food Day was organized by the Department of Food Processing	16-10-2019
2019-20	Guest Lecture on Entrepreneurship opportunities in Food Processing Sector was organized by Department of Food Processing	04-04-2020
2019-20	Lecture on Commercial Scale Bread Manufacturing was delivered to the students by Ms. Rajwinder Kaur Quality Analyst, Kitty Industries Pvt. Ltd. Ludhiana.	27-09-2019
2019-20	Department of Food Processing organized a guest lecture on "Recent Innovation in Food Processing Technology" by Dr. Kawaljit Singh Head and Assistant Professor at MRSPTU, Bathinda.	27-02-2020
2019-20	Workshop on "Fruit and Vegetable Processing and Preservation" was organized by Department of Food Processing	10-03-2020
2019-20	Speech Competition on "Save Resources, Save Environment" by Dept. Of Commerce and Management.	05-10-2019
2019-20	Department Of Commerce and Management organized a lecture on Soil Pollution	18-10-2019
2019-20	Slogan Writing Competition on Environment Day by Dept of English	05-08-2019
2019-20	Awareness lecture on Environment Pollution by Department of History	02-03-2020
2019-20	Poster Making competition on Save Water by Dept of Math	20-09-2019
2019-20	Poster Making on Health and Hygiene by Dept of Pol. Sci.	05-03-2020
2019-20	Awareness Lecture on Women Hygiene and Sanitation by Dept of Sci.	10-11-2019
2019-20	Department of Science organized Slogan Writing Competition on Save Water	20-09-2019
2019-20	Poster Making Competiton on Environment Pollution by Dept. of Hindi	26-10-2019

2019-20	Slogan Writing on Environment Pollution by Dept. Of Computer	17-02-2020
2019-20	Celebration of Ozone Day by Dept. of Science	16-09-2019
2019-20	Exhibition on Waste Management was organized by Department of Fashion Designing and Home Science	30-10-2019
2019-20	Poster Making Competition on Environmental Pollution by Fine Arts	11-02-2020
2019-20	Slogan Writing Competition on Air Pollution was organized by Fine Arts, Guru Nanak College, Budhlada (Mansa)	28-01-2020
2019-20	Department of Computer Science organized a lecture on World Water Day	12-03-2020
2019-20	Department of Computer Science organized a lecture on Environment Consciousness	06-11-2020
2019-20	Lecture on "Personal Health and Hygiene" by Department of Political Science	02-11-2019
2019-20	A lecture on "Save Environment Save Life" by Department of Political Science	03-11-2019
2019-20	Poster Making competition "Reduce, Reuse, Recycle" by Dept of English	09-09-2019
2019-20	Special lecture on "Think Before you Trash It" by Department of English	12-02-2020
2019-20	Awareness lecture on Sanitation and Hygiene Under Swachh Bharat Abhiyan Dept of Pol. Sci.	04-11-2019
2019-20	Department of Hindi organized a lecture on Air Pollution	03-10-2019
2019-20	Plantation at Home by the Students of Punjabi	2019-2020

7.2 Glimpses of Institutional Initiatives/efforts for Best Practice: Awareness for Environment Conservation and Preservation during session 2019-20

On 18 Sept 2019, NSS and Red Ribbon Club of Guru Nanak College, Budhlada organised Tree Plantation at college campus to make college campus green and eco-friendly. Dr. Jatinder Kaur, Director Education, S.G.P.C (Shiromani Gurudwara Parbandhak Committee) was the chief guest and she started this drive by planting tree in college lawn.



In October, 2019 NSS and Red Ribbon Club of Guru Nanak College, Budhlada organized environment awareness rally against Paddy Straw Burning in nearby villages (Bachoana, Dodra and Kanakwal). The purpose of this rally was to create awareness among famers and local people against the hazardous effects of stubble burning on environment.

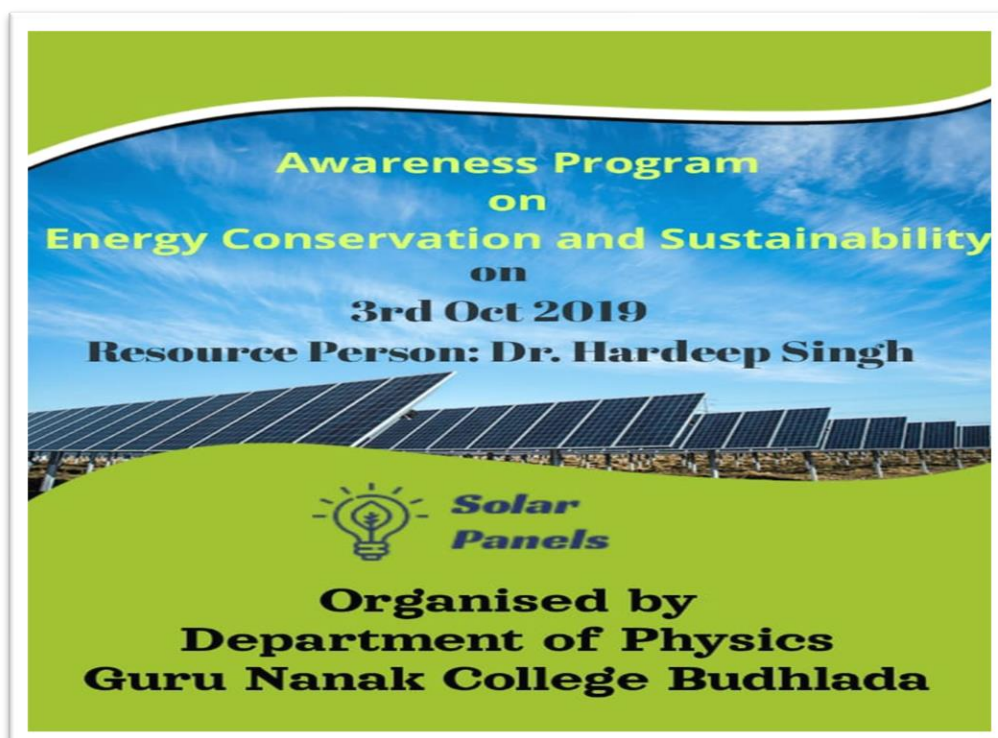




Awareness on Air Pollution was organised by Dept of Math on 02-03-2020 in Budhalada. Asstt Prof Dharminder Singh interacted with the local people and made them aware about the effects of Air Pollution on environment and health of all.



Awareness Program on Energy Conservation and Sustainability was organised by Dept of Sci. on 03-Oct-2019 to sensitize the students about the ways in which solar panels help to save energy. Dr. Hardeep Singh, Asstt. Prof in Physics, provided knowledge to the physics graduates through an experiment of energy conservation using the solar cell equipments. Students were made aware regarding the lowering dependency on fossil fuels for electricity, which can decrease CO₂ emissions that contribute to air pollution.





Department of Fashion Technology and Home Science organised a workshop on Best out of Waste (Plastic Bottles, Paper and textile waste) on 26-08-2019 to 27-08-2019. In this workshop the faculty made students aware on reducing the amount of textile waste scattered everywhere and harming environment. The faculty trained students for making crochet doormats by using large scraps of fabrics leftover from tailoring and turning it out to be not just an eco-friendly but a profitable venture.



National workshop on Self-Employment and Profitability in Agriculture Using Improved Technology was organised by Dept. Of Agriculture on 06/03/2020 to sensitize the student about agriculture technology and scientific knowledge that provide opportunity to continue entrepreneur/jobs/service as per global need. In this workshop experts shared their scientific knowledge with farmers and students. In this workshop scientists participated from the different agricultural universities.





Department of Agriculture organized one day training to prepare bio-decomposer from cow urine on 11-02-2020. The faculty guided student about how to prepare bio waste decomposer and bio-fertilizer for the management of solid waste produced from agriculture field.



An awareness training programme on waste management of bio mass residue was organised by Dept. of Agriculture on 18/03/2020. Department faculty demonstrated the students on vermin-compost preparation from cow-dung and cow litters (residue waste).



VERMICOMPOST			
NUTRITIVE VALUE OF VERMICOMPOST		DETAILS OF VERMICOMPOST UNIT	
Organic carbon	9.5 – 17.98%	Species	<i>Perionyx ceylanesis</i>
Nitrogen	0.5 – 1.50%	Common Name	Jai Gopal
Phosphorous	0.1 – 0.30%	Temp.	0-43° C
Potassium	0.15 – 0.56%	Resistance	
Sodium	0.06 – 0.30%	Developed By	IVRI (UP)
Calcium and Magnesium	22.67 to 47.60 meq/100g		
Copper	2 – 9.50 mg/kg		
Iron	2 – 9.30 mg/kg		
Zinc	5.70 – 11.50 mg/kg		
Sulphur	126 – 546 mg/kg		
BENEFITS OF VERMICOMPOST <ul style="list-style-type: none"> •Vermicompost is rich in all essential plant nutrients. •It neutralizes the soil protection. •It enhances the decomposition of organic matter in soil. •It prevents nutrient losses and increases the use efficiency of chemical fertilizers. •Vermicompost contains earthworm cocoons and increases the population and activity of earthworm in the soil. 			

An awareness programme on Solid Waste Management was organised by Dept. of Agriculture on 19/01/2020 in college campus for the students to aware them about waste management practices. In the programme, the department faculty discussed with students about the types of waste, collection of dry and wet waste in different Bins as green and yellow, segregation of waste and proper disposal of waste.



A training programme on Agriculture Residue Management by Mushroom Cultivation was organised by Dept. of Agriculture on 10/11/2019. In this training programme the demonstration was given in a private farm on how to use agriculture residue for the preparation of compost that is used for growing mushroom. Students with faculty member visited farm to attend this programme. This programme helped them to development skills in waste to wealth management.



Farmer Field Survey on Paddy Straw Burning was conducted as an extension activity in Oct 2019 for the students of B. Sc. Agriculture. Students made the farmers aware about the harmful effects of Paddy Burning on environment and provided information about the new and latest techniques of Paddy Straw management. Students also learnt many practical lessons from farmers about farming in Punjab region.



Activity: Farmer field Survey Programme
Department of Agriculture
Guru Nanak College, Budhlada

Name of farmer gurjant Singh
Address Bakshiwala, P.O - Kahangah, Teh - Budhlada.
Contact No. 947775410

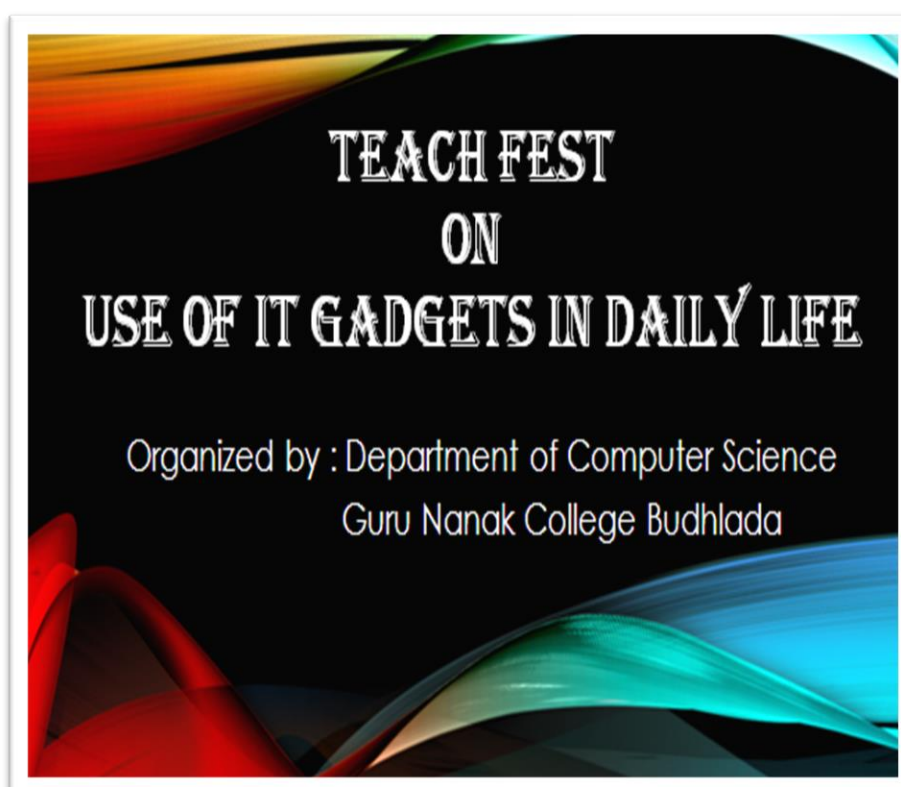
Student details
Name Ravrajot Kaur Class B.Sc Agriculture

Tick the activity (Yes/No)
Using Soil Health card No
Using Certified Seed Yes
Paddy straw burning No
Contacting Agriculture offices/ KVK for the known of information in agriculture field Yes
Using Paddy straw for the other purpose like feed/Compost Yes (for preparing the feed for animals)

P. C. Dilip Kumar
Programme in charge

Saurabh
Head
Department of Agriculture
Guru Nanak College
Budhlada

Tech Fest (Use of IT Gadgets in Daily Life) was organised by Dept. Of Computer on 05-11-2019. In this tech fest faculty and students of Computer Science demonstrated the visitors about the various new techniques of IT sector, their use and E-waste management.





Swachh Bharat Abhiyan programme was organized by the Department of Food Processing, in association with Food Industry Capacity & Skill Initiative (FICSI), New Delhi on 2 Oct 2019. Students of Food Processing and Agriculture department actively participated in this event. Participants clean their surrounding and motivate others to diminish the use of plastic.





Lecture on Industrial Waste Water Treatment was organized by the Department of Food Processing during Coca-Cola Industrial visit on 27th September, 2017. Mr. Chananjeet Singh (Quality Analyst) explained to students about the water recycling, waste water treatment for water reusing and ETP working in industry.



Students of Food Processing attended lectures on "sewage treatment", vermicomposting and procedure for storm water drainage during their visit to Science City on 27 November 2019. During the visit students came to know about wastewater treatment which aims to remove contaminants from sewage to produce an effluent that is suitable for discharge to the surrounding environment or an intended reuse application, thereby preventing water pollution from raw sewage discharges. Mr. Akashdeep Singh also explained the COD and BOD requirements during waste water treatment.





Exhibition on the occasion of World Food Day was organized by the Department of Food Processing, Guru Nanak College, Budhlada. In this event students of Food Processing Department celebrated the World Food Day by preparing nutrient dense food products and aware others about importance of healthy food in disease free life. Nutrient-dense foods that are rich in vitamins, minerals and other nutrients important for health, without too much saturated fat, added sugars and sodium were prepared by the students. The faculty and students guided the visitors about the judicious use of natural food resources to save environment.



Guest Lecture on Entrepreneurship opportunities in Food Processing Sector was organized by Department of Food Processing, Guru Nanak College, Budhlada (Mansa) on 4th March 2020. The lecture was delivered by Mr. M. L. Dhiman, General Manager (Fin. & Adm.), Chanakya Dairy Products Private Limited Mandi Gobindgarh, (Distt. Fatehgarh Sahib). Mr. Dhiman shared his valuable words with the students for being successful entrepreneur and various job opportunities in food processing sector. He shared his knowledge regarding starting up a venture in Food Industry, including company formation steps, compliance in Food Business, Sales, Marketing, Accounts & Finance, creation of detailed project report, bank loan and government subsidy process.



Lecture on Commercial Scale Bread Manufacturing was organised for the students of Ms. Rajwinder Kaur Quality Analyst, Kitty Industries Pvt. Ltd. Ludhiana. She explained the processing unit of bread manufacturing from weighing and testing of raw material to the packaging of final product. She also describes the different types of products manufactured in their industry. Students came to know about the crucial points in baking and effect of temperature on bread manufacturing.



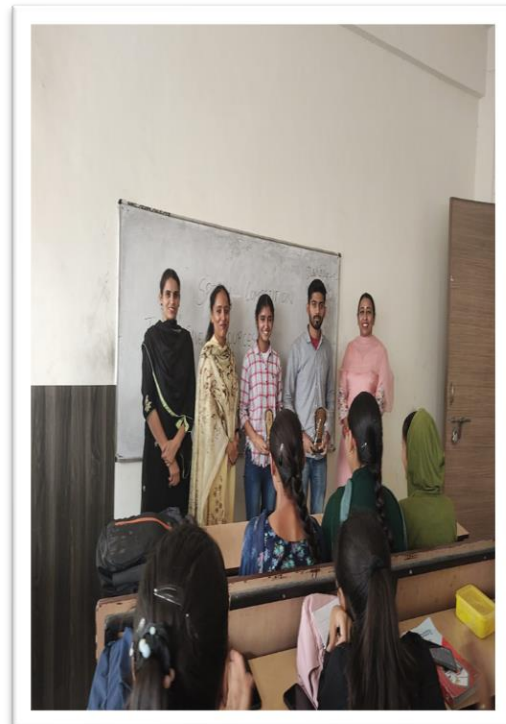
Department of Food Processing organized a guest lecture on "Recent innovation in Food Processing Technology" by Dr. Kawaljit Singh Head and Assistant Professor at MRSPTU, Bathinda on 27 Feb 2020. Dr. Kawaljit Singh explained about the invention and research carried out in recent years in food industries. He also motivated the students to pursue higher education in the relevant field and also about the benefits of working in research and development section of various industries. He specifically explained the environment friendly techniques of food industry.



Workshop on “Fruit and Vegetable Processing and Preservation” was organized by Department of Food Processing, Guru Nanak College, Budhlada (Mansa) on 10th March, 2020. Students of Food Processing Department actively attended this workshop. Students got knowledge about working and standard operating procedures of different instruments used in food processing. They also got the knowledge about various methods of preservation and prepared the products by using natural preservatives which have minimum adverse effect on health and that do not affect the nutritional value of fruits and vegetables



A Speech Competition on “Save Resources, Save Environment” was organised by Dept. of Commerce And Management on 05-10-2019



Department Of Commerce and Management organised a lecture on Soil Pollution on 18-10-2019. The resource person discussed in detail about the reasons of soil pollution and the ways to control it.



save soil with planting trees

Lecture on Soil Pollution
18th October,2019

Resource Person
AP Shenti Kumar
Department of Commerce

Organised by
Department of Commerce & Management
Guru Nanak College ,Budhlada



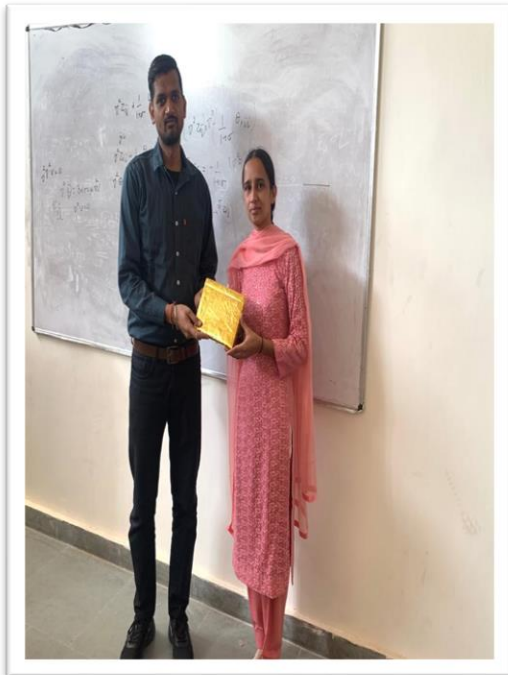
A Slogan Writing Competition on Environment Day was organised By Dept of English on 05-08-2019



An Awareness Programme on Environment Pollution was organised by Department of History on 02-03-2020.



Poster making competition on Save Water was organised by Dept of Math on 20-09-2019.





A Poster Making competition on Health and Hygiene was organised by Dept of Pol. Sci. on 05-03-2020 to sensitize the students about the maintenance of hygiene for a healthy life.





Awareness lecture on Women Hygiene and Sanitation was organised By Dept of Sci. on 10-11-2019. Asstt. Prof. Bhupinder Kaur oriented the students on good menstrual hygienic practices during periods and effects of environment on women health.





Department of Science, Guru Nanak college Budhlada organized a slogan writing competition on Save Water on 20 September 2019. The event was organized to guide students that water is important not only for human beings but it is important for the entire ecosystem.



Department of Hindi organised Poster Making Competition on Environment Pollution on 26-10-2019.



Slogan Writing on Environment Pollution was organised by Dept. Of Computer Science on 17-02-2020.

Slogan writing competition on Environment Day

Organized by:
Department of Computer Science
Guru Nanak College Budhlada





Department of Science organized a guest lecture on “World Ozone Day” by Prof. Manpreet Kaur on 16 Sept 2019. She sensitized the students about the depletion of the ozone layer and its dangers.



Exhibition on Waste Management was organized by Department of Fashion Designing and Home Science on 30-10-2019. All the articles displayed in the exhibition were prepared by the faculty and students of the department from the various types of waste. The department demonstrated the visitors how waste management is mandatory to reduce the use of natural resources.





A Poster Making Competition on Environmental Pollution was organized by Fine Arts, Guru Nanak College, Budhlada (Mansa) on 11th February, 2020. Participants made many attractive posters on environmental pollution.





Slogan Writing Competition on Air Pollution was organized by Fine Arts, Guru Nanak College, Budhlada (Mansa) on 28th January, 2020. Students of various departments actively participated in this competition.





Department of Computer Science organised a lecture to celebrate World Water Day



Department of Computer Science organized a lecture on Environment Consciousness on 06 November, 2019. The Resource person A. P. Shabeena discussed in detail about the effects of E-waste on environment.



Lecture on Environment Consciousness

Resource Person: Narinder Singh

Keynote Speaker: Shabeena Garg

Convenor : Rekha Rani

Date: 6 November 2019

Organized By:
PG Department of Computer Science

The poster features a central illustration of a hand holding a globe with a small tree growing on it, symbolizing environmental care. To the right, there is a circular inset showing a tree being planted in a pot. The bottom of the poster is decorated with a vibrant landscape of green fields, blue mountains, and a clear sky.



Lecture on “Personal Health and Hygiene” of Assistant Prof Dr Dhruva Kumar, Dept of Science on 2nd November 2019 was organized by Department of Political Science



A lecture on “Save Environment Save Life” of Assistant Prof Sarvan Kumar, Dept of Agriculture on 3 November 2019 was organized by Department of Political Science



A poster making competition on "Reduce, Reuse, Recycle" was organized by Department of English on 9 Sept 2019 to motivate students towards waste management.



A guest lecture was held by Department of English on 12-2-2020 under the title "Think Before You Trash it" under the guidance of Waste management committee. The Lecture was delivered by Dr. Sandeep Kaur.



Awareness lecture on Sanitation and Hygiene Under Swachh Bharat Abhiyan was organised Dept of Pol. Sci. on 04-11-2019



Department of Political Science

Attendance sheet

" Awareness Drive on Sanitation & Hygiene under Swachh Bharat Abhiyan "

S.No.	Name	Class	Roll No.	Signature
1	Sukhinderpreet Kaur	M.A-II	12203	Sukhinderpreet Kaur
2	Simpreet Singh	M.A-II	12204	Simpreet Singh
3	Amanpreet Kaur	M.A-II	12205	Amanpreet Kaur
4	Sandeep Kaur	H.A-II	12208	Sandeep Kaur
5	Gurpreet Kaur	H.A-II	12209	Gurpreet Kaur
6	Sonu Kaur	M.A-II	12214	Sonu Kaur
7	Ramandeep Kaur	H.A-II	12215	Ramandeep Kaur
8	Sakshi	B.A-III	12216	Sakshi
9	Amanpreet Kaur	B.A-III	12217	Amanpreet Kaur
10	Apardeep Kaur	B.A-III	12217	Apardeep Kaur
11	Abhinav Kaur	B.A-III	12218	Abhinav Kaur
12	Ramandeep Kaur	B.A-III	12219	Ramandeep Kaur
13	Amanpreet Kaur	B.A-III	12220	Amanpreet Kaur
14	Hardeep Kaur	B.A-III	12221	Hardeep Kaur
15	Hardeep Kaur	B.A-III	12222	Hardeep Kaur
16	Randeep Kaur	B.A-III	12223	Randeep Kaur
17	Amanpreet Kaur	B.A-III	12224	Amanpreet Kaur
18	Sandeep Kaur	B.A-III	12225	Sandeep Kaur
19	Pawanpreet Kaur	B.A-III	12226	Pawanpreet Kaur
20	Veerpal Kaur	B.A-III	12227	Veerpal Kaur
21	Sandeep Kaur	M.A-I	12251	Sandeep Kaur
22	Hardeep Singh	M.A-I	12252	Hardeep Singh
23	Sakshi Rani	M.A-I	12253	Sakshi Rani
24	Lal Singh	M.A-I	12254	Lal Singh
25	Sandeep Kaur	M.A-I	12255	Sandeep Kaur
26	Sandeep Kaur	M.A-I	12256	Sandeep Kaur
27	Sandeep Kaur	M.A-I	12257	Sandeep Kaur
28	Sandeep Kaur	M.A-I	12258	Sandeep Kaur
29	Randeep Kaur	M.A-I	12259	Randeep Kaur
30	Sandeep Kaur	M.A-I	12260	Sandeep Kaur
31	Sandeep Kaur	M.A-I	12261	Sandeep Kaur
32	Sandeep Kaur	M.A-I	12262	Sandeep Kaur
33	Sandeep Kaur	M.A-I	12263	Sandeep Kaur
34	Sandeep Kaur	M.A-I	12264	Sandeep Kaur
35	Sandeep Kaur	M.A-I	12265	Sandeep Kaur

Head
Dept. of Pol. Sci.
Guru Nanak College
Barnala (Muz.)

Department of Hindi Organised a lecture on Air Pollution on 3 oct 2019 to aware the students about the effects of air pollution on health. The lecture was delivered by Dr. Dhruva Kumar.



Department of Punjabi and Nanhi Chhan and Green Brigade Cell motivated the students to plant tree on their birthday.



